

200 REPROGRAMMING MODE

201

CONTROLLER RECEIVE NEW CONTROL PROGRAM MODULE(S) THAT PROVIDE USER CUSTOMIZED DISPLAY INFORMATION, USER CUSTOMIZED MENUS, PICK LISTS, AND ROUTE ENTRY DATABASE INFORMATION IN A FIELD FORMAT THAT IS DIFFERENT THAN A FORMER ROUTE ENTRY DATABASE PREVIOUSLY LOADED INTO STORAGE

202 SURVEY MODE

203

SURVEY MODE INDICATOR SIGNAL MODULATES (E.G. FLASHES) USER INDICATOR ACCORDING TO CURRENT DETECTED CONCENTRATION LEVEL)

204

FIRST USER ENTER SIGNAL (FROM USER ACTUATOR) INDICATES USER DESIRES TO BEGIN TESTING LEAK POINT FOR CURRENT ROUTE ENTRY

205 SAMPLING MODE

206

SAMPLING MODE INDICATOR SIGNAL MODULATES USER INDICATOR (E.G., CONSTANT RAPID FLASH) ACCORDING TO TESTING MODULATION PATTERN TO INDICATE TESTING IS TAKING PLACE FOR DURATION OF TESTING TIME PERIOD

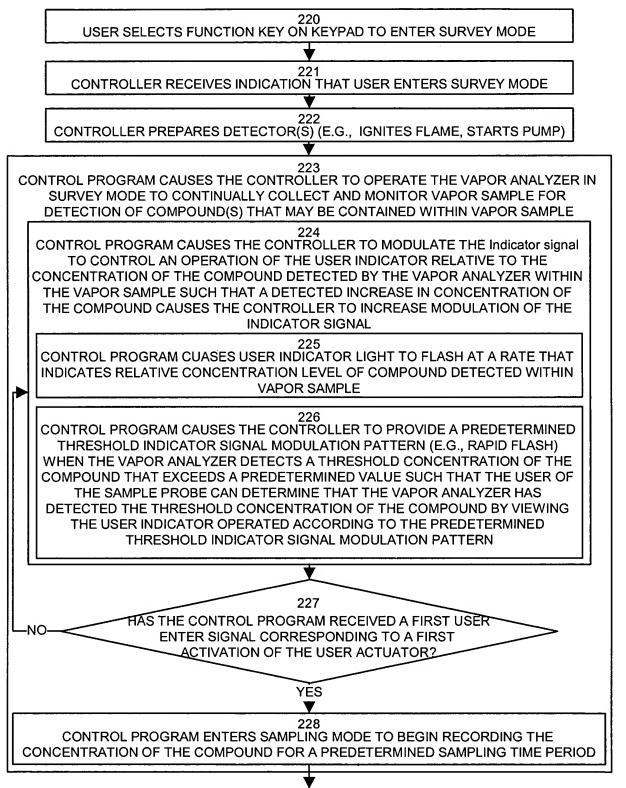
207 SAMPLING COMPLETE MODE

208

SAMPLING MODE INDICATOR SIGNAL MODULATES USER INDICATOR (E.G., CONSTANT RAPID FLASH) ACCORDING TO TESTING COMPLETE MODULATION PATTERN TO INDICATE TO USER TESTING IS COMPLETE (AND DOES USER WANT TO SAVE TEST RESULTS FOR THIS ROUTE ENTRY?)

209

SECOND USER ENTER SIGNAL (FROM USER ACTUATOR) INDICATES USER DESIRES TO SAVE TEST RESULTS INTO ROUTE ENTRY AND RE-ENTER SURVEY MODE FOR NEXT ROUTE ENTRY LEAK POINT



TO STEP 240 IN FIGURE 4 (SAMPLING MODE)

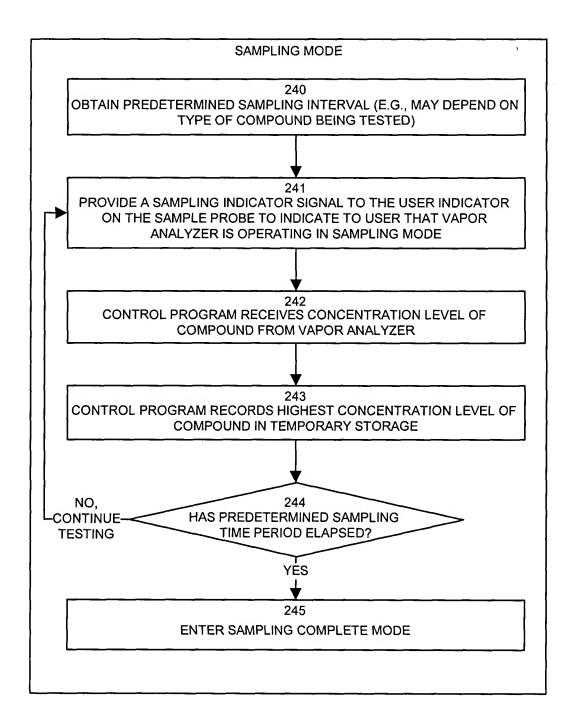


FIG. 4

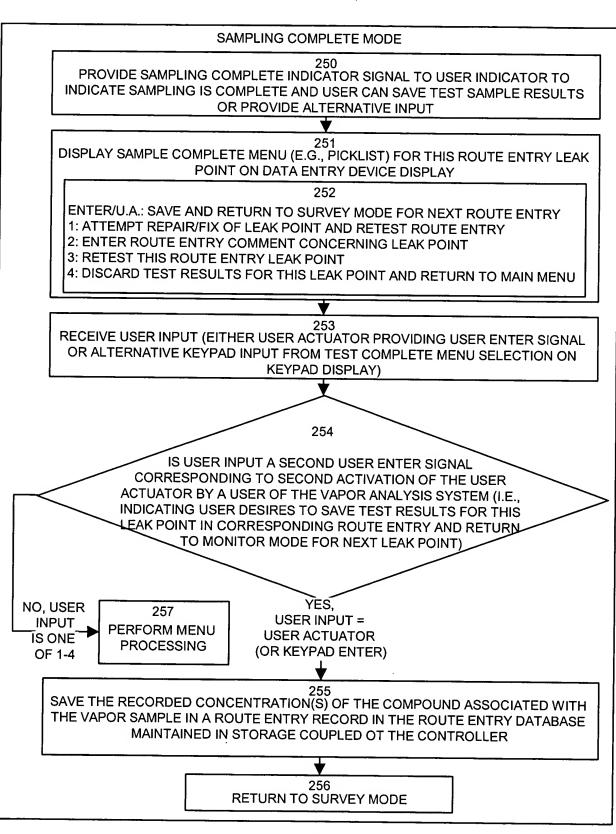


FIG. 5